The NEA Working Party on International Nuclear Data Evaluation Cooperation - Recent achievements and future plans

Pavel OBLOZINSKY[1], Jun-ichi KATAKURA[2], Arjan KONING[3], Alan NICHOLS[4], Claes NORDBORG[5]

[1] *Brookhaven National Laboratory, Upton, USA*
[2] *Japan Atomic Energy Research Institute,Tokai-Mura, Japan*
[3] *Nuclear Research & Consultancy Group, Petten, Netherlands*
[4] *International Atomic Energy Agency, Vienna, Austria*
[5] *OECD Nuclear Energy Agency, Issy-les-Moulineaux, France*

The OECD Nuclear Energy Agency (NEA) Working Party on International Nuclear Data Evaluation Cooperation is an international collaboration between the evaluation projects in Japan (JENDL), United States (ENDF), and Western Europe (JEFF). The participation of the evaluation projects in non-OECD Member countries (BROND, CENDL, and FENDL) is supported by the International Atomic Energy Agency (IAEA).

The Working Party has completed and published a number of co-operative studies aiming at improving the accuracy of the evaluated nuclear data, used in most applied nuclear calculations. The latest studies concerned delayed neutron data for the major actinides, fission neutron spectra of Uranium-235. The Working Party has also on-going studies on nuclear data standards, activation cross-sections, evaluation and processing of covariance data in the resonance region, neutron cross-sections for the bulk of fission products, and nuclear data for improved LWR reactivity predictions.

The Working Party is also sponsoring three long-term collaborative studies dealing with:

- The development of modern nuclear model codes,
- Evaluated nuclear data format and processing problems,
- The high priority request list for nuclear data

The outcome of these studies will be reflected in all major evaluated data files and will help to eliminate the outstanding discrepancies in these files.

Email: oblozinsky@bnl.gov